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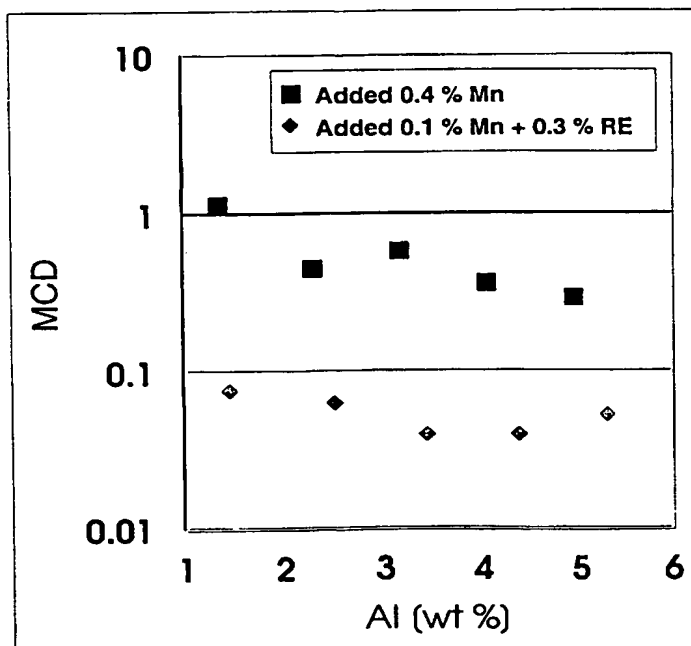
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(54) Title: CORROSION RESISTANT Mg BASED ALLOY CONTAINING Al, Si, Mn AND RE METALS



(57) Abstract: Magnesium alloy with improved corrosion resistance comprising magnesium, 1.5-5 weight % Al, 0.6-1.4 weight % Si, 0.01-0.6 weight % Mn and 0.01-0.4 weight % RE. Method of improving the corrosion resistance of magnesium, aluminium, silicon alloys where Mn is added in order to reduce FE impurities, by keeping both Mn and Fe at a low level by adding small amounts of RE.

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